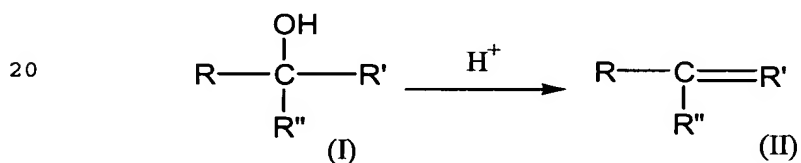


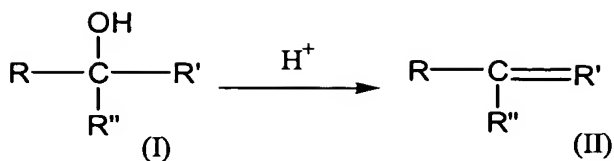
WHAT IS CLAIMED IS:

1. A visual indicator for infection comprising a substrate and an amine sensitive dye
5 covering an area thereon, wherein said substrate area covered by said dye is
sufficient to be visible to an unaided eye.
2. The indicator of claim 2 wherein said dye is present in an amount of between about
0.0001 and 20 weight percent on a dry basis.
- 10 3. The indicator of claim 2 wherein said dye is present in an amount of between about
0.001 and 10 weight percent on a dry basis.
4. The indicator of claim 2 wherein said dye is present in an amount of between about
15 0.01 and 1 weight percent on a dry basis.
5. The indicator of claim 1 wherein said dye is selected from the group consisting of
chemicals of the general formula (I) or (II)



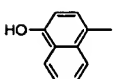
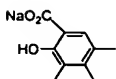
where, R, R' and R'' may each independently be a substituted aryl group, a naphthyl group,
heteroaryl groups and hydrogen.

- 25 6. The indicator of claim 1 wherein said dye is selected from the group consisting of
chemicals of the general formula (I) or (II)


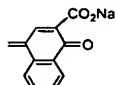


5 where,

R is H, (NH₂)C₆H₅- or C₆H₅-,

R' is (CH₃)₂NC₆H₅, (NH₂)C₆H₅-,  or 

10

R'' is (CH₃)₂NC₆H₅-, (NH₂)C₆H₅-,  or 

15

7. The indicator of claim 1 wherein said dye is selected from the group consisting of
 pararosaniline base (PAB), alpha-naphthol-benzein (ANB), and naphthochrome
 green (NCG) and mixtures thereof.

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8. The indicator of claim 1 wherein said substrate is selected from the group consisting
 of cellulose, woven or nonwoven fabric, cotton, silk, rayon, glass fiber, films, silica
 gels and latex particles.

25

9. The indicator of claim 8 wherein said substrate has an area between 0.25 cm² and 5
 cm².

10. The indicator of claim 8 wherein said substrate has an area between 0.5 cm² and 3
 cm².

11. The indicator of claim 8 wherein said substrate has an area between 1 cm² and 2

cm².

12. The indicator of claim 1 wherein said indicator is placed in a personal care product selected from the group consisting of diapers, training pants, absorbent underpants, adult incontinence products, and feminine hygiene products.

13. The indicator of claim 1 wherein said indicator is placed in health and hygiene products selected from the group consisting of swabs, wet wipes, dry wipes, bandages, wound dressings, wraps and patches.

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14. The indicator of claim 13 wherein said indicator is placed in a bandage, wherein said bandage has a backing that is transparent or translucent, and said indicator is placed below said backing so that said indicator is visible through said backing.

15. The indicator of claim 13 wherein said indicator is placed in a location where it is not visible by the unaided eye and where said product must be partially removed to inspect said indicator.

16. The indicator of claim 1 wherein said indicator is placed in a product selected from the group consisting veterinary products and agricultural inspection products.

17. A feminine hygiene product comprising a liquid impervious baffle, a liquid pervious body side liner, and a substrate having thereon a dried, solution applied layer of an amine sensitive dye wherein said substrate is located such that it is visible to an unaided eye.

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18. The feminine hygiene product of claim 17 wherein said amine sensitive dye is selected from the group consisting of pararosaniline base (PAB), alpha-naphthol-benzein (ANB), and naphthochrome green (NCG) and mixtures thereof.
- 5 19. The product of claim 17 wherein said indicator is placed below a liner in said product and wherein said indicator has an area of between about 0.25 and 5 cm².
20. The product of claim 19 wherein said indicator has an area between about 0.5 cm² and 3 cm².
- 10 21. The product of claim 19 wherein said indicator is placed below said liner in said product on one end of said product only.
22. An adult incontinence product comprising a liquid impervious baffle, a liquid pervious
15 body side liner, and a substrate having thereon a dried, solution applied layer of an amine sensitive dye wherein said substrate is located such that it is visible to an unaided eye.
23. A disposable test kit for infection comprising an applicator and a substrate having
20 thereon an amine sensitive dye, wherein said applicator is used to retrieve a sample of a material for testing and said material for testing is then contacted with said substrate and dye at a test site on said substrate, to produce a visible color change in the presence of amine.
- 25 24. The disposable test kit of claim 23 wherein said amine sensitive dye is selected from the group consisting of pararosaniline base (PAB), alpha-naphthol-benzein (ANB),

and naphthochrome green (NCG) and mixtures thereof.

25. The disposable test kit of claim 23 wherein said dye is present in an amount between 0.01 and 1 weight percent on a dry basis.

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26. The disposable test kit of claim 23 comprising a plurality of test sites.

27. The disposable test kit of claim 26 having a plurality of dyes.

10 28. A bag for the storage of food comprising an amine sensitive dye in an amount and location sufficient to be visible to an unaided eye.

29. A method of preparing an indicator for infection comprising the steps of mixing an amine sensitive dye and a polar organic solvent to make a solution, applying said
15 solution to a substrate, drying said substrate, and placing said substrate into a personal care or health and hygiene product.

30. A method of detecting the presence of infection comprising the steps of providing an applicator and a substrate having thereon an amine sensitive dye, retrieving a
20 sample of a material for testing, contacting said material with said substrate and dye at a test site on said substrate, and producing a visible color change in the presence of amine.

31. A method of detecting the presence of infection comprising the steps of providing a
25 known amount and concentration of amine sensitive dye a microtiter plate well, taking a sample of material for sampling, adding said sample to the dye indicator in

the well, incubating said sample, reading results at 650 nm using a microplate reader and comparing said results to a known standard curve for said dye.